

## 4) . Watershed Management Planning Resolution

The resolution is aimed at parish planners. The resolution is designed to outline necessary steps in parish-wide watershed planning. By following the suggested planning phases in the resolution a parish will gain a superior knowledge of their water resources, the types of impacts current activities are having and make plans for the implementation of future water quality goals. The information gained by this type of planning will be helpful in determining what other ordinances/programs a parish will need in order to maintain high quality water resources.

### Watershed Management Planning Resolution

[Note: a “resolution” denotes something less formal than an “ordinance”; generally it is an expression of the opinion or mind of the council concerning some matter of administration, within its official cognizance. Providing for disposition of a particular item of administrative business of a municipality]

#### **Purpose/Objectives:**

##### **Section 1**

- 1.1 To reduce the generation of nonpoint source pollutants and to mitigate the impacts of urban runoff and associated pollutants that result from new development or redevelopment, including roads, highways and bridges. \_\_\_\_\_ Parish resolves to develop a comprehensive watershed management plan to curb adverse affects of nonpoint source pollution on its waterways and natural resources.
- 1.2 \_\_\_\_\_ (parish office/department) will be responsible for implementation of this parish resolution.
- 1.3 Quarterly public meeting with the Parish Government , Parish Watershed Council (Section 4) and the (designated parish office/department) will be held in order to provide planning updates. Meeting minutes will be kept and added to the finished plan as an appendix.
- 1.4 Yearly written reports will be provided by the (designated parish office/department) to the Parish Government and will be available for public review at all parish libraries.
- 1.5 Adjoining parishes with shared watershed resources may use the forum created by the Parish Watershed Council to form inter-parish agreements and action plans to improve government coordination within the watershed boundaries.

## **Specific Plan Goals:**

### **Section 2**

- 2.1 Delineate and map watershed boundary and sub-basins within the watershed
  
- 2.2 Inventory and map natural storm water conveyance and storage systems
  
- 2.3 Inventory and map man-made storm water conveyance and storage system. (including ditches, swales, storm sewers, detention ponds and retention areas and includes information such as size, storage, capacity and age)
  
- 2.4 Inventory and map land use by sub-basin
  
- 2.5 Inventory and map detailed soils by sub-basin, vegetation types, environmentally sensitive areas, ground water sources and surface water hydrology
  
- 2.6 Establish a clear understanding of water resources in the watershed (analyze water quality, sediment and biological data. Analyze subjective information on problems, such as citizen complaints. Evaluate water body use impairment: frequency, timing, seasonality of problem. Conduct water quality assessment-low flows, seasonality.
  
- 2.7 Inventory pollution sources in the watershed, both point sources (locations, pollutants, loadings, flow, capacity, etc.) and nonpoint source (type, location, pollutants, loadings, etc.).
  
- 2.8 Identify and map future land use by sub-basin. Conduct land use loading rate analysis to assess potential effects of various land use scenarios.
  
- 2.9 Identify planned infrastructure improvements: 5 yr., 20 yr. Stormwater management deficiencies should be coordinated and scheduled with other infrastructure or development projects.
  
- 2.10 Analyze to determine infrastructure and natural resource needs within each watershed.
  
- 2.11 Set resource management goals and objectives. Before corrective actions can be taken, a resource management target must be set. The target can be defined in terms of water quality standards; attainment and preservation of beneficial uses; or other local resource management objectives

- 2.12 Determine pollutant reduction (for existing and future land uses) needed to achieve water quality goals.
- 2.13 Select appropriate management practices that can be used to achieve water quality goals. Evaluate pollutant removal effectiveness, landowner acceptance, financial incentives and costs, availability of land operation and maintenance needs, feasibility and availability of technical assistance.
- 2.14 Evaluate the parish's ability to establish a land acquisition program, conservation easement project and/or a cost/share NPS funding mechanism
- 2.15 Develop watershed management plan to include the following sections:
  - Existing and future land use plan,
  - Master storm water management plan that addresses future needs,
  - Wastewater management plan including septic tank maintenance programs and
  - Infrastructure and capital improvements plan
- 2.16 Gather information and initiate a community Nonpoint Source Pollution Education Plan

### **Timeline for Planning Ordinance**

#### **Section 3**

- 3.1 The final watershed planning ordinance will be completed \_\_\_\_\_ years from enactment of this ordinance.
- 3.2 Any delay/adjustment in this timeline will require a majority vote approval by the Parish Government.

### **Parish Watershed Management Council**

#### **Section 4**

- 4.1 The Council will be composed of \_\_\_\_\_ members, representative of the parish citizenship as a whole.
- 4.2 Council members will be selected by the Parish Government to serve for two years. The first set of council members will be randomly assigned numbers, with the initial odd numbered members serving three-year terms, so as to stagger new membership assignment.
- 4.3 The Council will meet every other month to provide suggestions and advisory comments on the development of the Parish Watershed Management Plan. Meeting minutes will be kept and added to the finished plan as an appendix.
- 4.4 Once a plan is adopted by parish ordinance the Council will meet no less than twice a year to review implementation.

**Resolution Adoption**

**Section 5**

● 5.1 This Resolution # \_\_\_\_\_ is adopted by \_\_\_\_\_ Parish Government by the following vote:

● 5.2 This Resolution # \_\_\_\_\_ will become effective \_\_\_\_\_.

## 5.) Urban Nonpoint Source Pollution (NPSP) Reduction and Inspection Ordinance

This ordinance is designed to focus planning efforts on urban NPSP by allowing the Parish to target specific urban areas in which developers/property owners will be required to develop and implement Urban NPSP Reduction Plans. Planning will require BMPs to be selected, implemented and maintained for properties identified. Planning can also be required on a case-by-case basis for properties found to be problem pollution sources. Once a plan is in place the parish has the authority to uphold the approved plan through inspections and enforcement mechanisms. Both existing and new development will be targeted in designated areas.